

Press Release

Performance management system for Dusseldorf Airport

Dusseldorf International Airport to use the performance management system „arosa capman“ by delair

Braunschweig, December 2011 - Currently Dusseldorf Airport is among the most innovative airports in Germany. Several large projects guarantee for relevant steps into a future with positive impact on the airport. Airport CDM which is on the agenda of many major airports throughout Europe has already been implemented partially.

Now the airport is placing special emphasis on a project regarding the setup of an Airport Control Center (ACC). Its main objectives are the optimisation and harmonisation of airport processes, making best use of existing capacities and reducing delays. For this purpose all important stakeholders of the airport are centralised in a control room in order to harmonise their processes and decisions.

A new Airport Operational Database (AODB) was already put into operation to ensure that all stakeholders use the same, up-to-date data. In addition, completely new systems will be implemented which were not combined yet in this way on any other airport in the world. One of these new systems will be the performance management system „arosa capman“ by delair.

arosa capman was developed in the frame of the German Aviation Research Program for Frankfurt International Airport. The range of functions of *arosa capman* will be extended for the application in the ACC Dusseldorf. *arosa capman* will allow the user to get a forecast of the airport situation for the next few hours. The user will be able to see in detail the future development of traffic demand, available capacity of resources (e.g. runway) and the respective punctuality or delay situation. Here, especially the weather forecast and current flight plan data will be considered, as well as valid infrastructural data.

As with all software from delair special care was taken to create a user-friendly and clear graphical user interface. delair has received several awards for their HMIs in recent years.

About delair:

delair Air Traffic Systems GmbH is based at the Research Airport Braunschweig and develops systems to optimise processes of air traffic control, airport operators, airlines, and handling agents. The products of delair are in operation e.g. at the International Airports in Zurich, Vienna and Frankfurt as well as at several regional airports in Germany. At these airports considerable improvements of airport processes lead to cost savings and, due to fuel savings and lower emissions, to positive environmental effects.

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